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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/671,924	09/24/2003	Andrew S. Poulsen	10021064-1	8482
	7590 10/18/2007 CHNOLOGIES, INC.	-	EXAMINER	
Legal Department, DL429			MOUTAOUAKIL, MOUNIR	
Intellectual Pro P.O. Box 7599	perty Administration		ART UNIT PAPER NUMBER	
Loveland, CO			2619	
			MAIL DATE	DELIVERY MODE
			10/18/2007	PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

			IV.			
•	Application No.	Applicant(s)				
	10/671,924	POULSEN, ANDREW S.				
Office Action Summary	Examiner	Art Unit				
	Mounir Moutaouakil	2619				
The MAILING DATE of this communication ap Period for Reply	pears on the cover sheet with	the correspondence address				
A SHORTENED STATUTORY PERIOD FOR REPL WHICHEVER IS LONGER, FROM THE MAILING [- Extensions of time may be available under the provisions of 37 CFR 1, after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period. - Failure to reply within the set or extended period for reply will, by stature than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	DATE OF THIS COMMUNICATION 136(a). In no event, however, may a replevely will apply and will expire SIX (6) MONTHE, cause the application to become ABA	ATION. Ily be timely filed HS from the mailing date of this communication NDONED (35 U.S.C. § 133).				
Status						
1) Responsive to communication(s) filed on 23.	July 2007.					
2a)⊠ This action is FINAL . 2b)□ Thi						
3) Since this application is in condition for allows	ance except for formal matter	rs, prosecution as to the merits	is			
closed in accordance with the practice under	Ex parte Quayle, 1935 C.D.	11, 453 O.G. 213.	•			
Disposition of Claims						
4) Claim(s) 1-24 is/are pending in the application	٦.					
4a) Of the above claim(s) is/are withdra	awn from consideration.					
5) Claim(s) is/are allowed.						
6)⊠ Claim(s) <u>1-24</u> is/are rejected.		•				
7) Claim(s) is/are objected to.						
8) Claim(s) are subject to restriction and/	or election requirement.					
Application Papers						
9) The specification is objected to by the Examin	er.					
10) ☐ The drawing(s) filed on is/are: a) ☐ ac	cepted or b) objected to by	the Examiner.				
Applicant may not request that any objection to the	e drawing(s) be held in abeyanc	e. See 37 CFR 1.85(a).				
Replacement drawing sheet(s) including the correct	ction is required if the drawing(s) is objected to. See 37 CFR 1.121	(d).			
11)☐ The oath or declaration is objected to by the E	xaminer. Note the attached	Office Action or form PTO-152.				
Priority under 35 U.S.C. § 119						
12) ☐ Acknowledgment is made of a claim for foreig	n priority under 35 U.S.C. & 1	119(a)_(d) or (f)				
a) ☐ All b) ☐ Some * c) ☐ None of:	in priority under 60 0.0.0. 3	13(a)-(a) or (i).				
1.☐ Certified copies of the priority documen	ts have been received.					
2. Certified copies of the priority documen		olication No.				
3. Copies of the certified copies of the price	•	· · · · · · · · · · · · · · · · · · ·				
application from the International Burea		v				
* See the attached detailed Office action for a lis	t of the certified copies not re	eceived.				
Attachment(s)						
Notice of References Cited (PTO-892)	4) Interview Su		ı			
2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date		Mail Date bromal Patent Application .				

DETAILED ACTION

Response to Amendment

- 1. The amendment filed on 07-23-2007 has been entered and considered.
 - Claims 1-24 are pending in this application.
 - Claims 1-24 remain rejected as discussed below

Claim Rejections - 35 USC § 102

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 3. Claims 1-10, 13-16, and 18-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Loveland (US 6,782,413).

Regarding claim 1. Loveland discloses an instrument system (fig.2). The system comprises an electronic instrument (130, 134, or 132); and a network interface module (114) having a first connector for connecting with the electronic instrument (the connection between 130 and 114), a second connector for connecting with a voice module (137 and the connection between 137 and 114), and a third connector for connecting with a network (116), wherein the network interface module and the electronic instrument are configured to interchange instrument data via the first connector (computers, e-mails and servers exchange data though module 114),

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wherein the network interface module and the voice module are configured to interchange voice data via a second connector (137 communicate with the WAN trough the 114), wherein the voice data is in the form of an electronic signal (it is inherent that voice data is in a form of electronic signal), wherein the network interface module and the network are configured to interchange combined voice and instrument data via the third connector (fig.2, 116 and col.7, lines 16-30. The network interface 114 combines voice and data and transmits them to the WAN through the third link 116), and wherein the network interface module is configured to effect transposition between combined voice and instrument data and separate instrument data and voice data (fig.2, col.7, lines 16-30).

Regarding 2. Loveland discloses an instrument system wherein interchange of instrument data between the network interface module and the electronic instrument comprises the reception of instrument data from the electronic instrument by the network interface module (fig.2, 114, 128, 130, 132, and 134).

Regarding claim 3. Loveland discloses an instrument system wherein interchange of instrument data between the network interface module and the electronic instrument comprises the transmission of instrument data from the network interface module to the electronic instrument (fig.2. 114, 128, 130, 132, and 134).

Regarding claim 4. Loveland discloses an instrument system wherein interchange of voice data between the network interface module and the voice module

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comprises the reception of voice data from the voice module by the network interface module (fig.2, 114, and 137).

Regarding claim 5. Loveland discloses and instrument system that further comprising the voice module, wherein the voice module comprises a transducer (it is inherent the phone set includes a transducer), wherein the transducer transforms the human voice into electronic voice data (it is inherent that the phone set 137 converts human voice into an electronic signal).

Regarding claim 6. Loveland discloses an instrument system wherein interchange of voice data between the network interface module and the voice module comprises the transmission of voice data from the network interface module to the voice module (fig.2, 112, and 137).

Regarding claim 7. Loveland discloses an instrument system that further comprising the voice module, wherein the voice module comprises a transducer (137), wherein the transducer transforms electronic voice data into sounds replicating the human voice (137).

Regarding claim 8. Loveland discloses an instrument system wherein interchange of combined voice and instrument data between the network interface module and the network comprises the reception of a data stream comprising combined instrument data and voice-over-IP data from the network by the network interface module and wherein the network interface module transposes the combined instrument

data and voice-over-IP data into separated instrument data and voice data (col.7, lines 16-31).

Regarding claim 9. Loveland discloses an instrument system wherein the network interface module transposes separated instrument data and voice data into combined instrument and voice-over-IP data and wherein interchange of combined voice and instrument data between the network interface module and the network comprises the transmission of a data stream comprising the combined instrument and voice-over-IP data from the network interface module to the network (col.7, lines 16-31).

Regarding claim 10. Loveland discloses an instrument system that further comprising the voice module (137).

Regarding claim 13. Loveland discloses an instrument system wherein the voice module is a telephone (137).

Regarding claims 14-16. Loveland discloses an instrument system wherein the voice module comprises a handset (137), wherein the handset/headset/speaker is used for communication with an operator (element 137 is used to communicate with people).

Regarding claim 18. Loveland discloses an instrument system wherein the network is a local area network (LAN) (fig.2, 110, col.6, lines 23-28).

Regarding claim 19. Loveland discloses an instrument system wherein the network is the internet (it is inherent that the network in the inherent, since they exchange VOIP is supported by the system).

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Regarding claim 20. Loveland discloses an instrument system wherein the network is a Wide-Area-Network (110).

Regarding claim 21. Loveland discloses an instrument system wherein the system enables communication between the electronic instrument and a remote system (fig.2).

Regarding claim 22. Loveland discloses an instrument system, wherein the system enables communication between an operator located with the electronic instrument and another individual located remote from the operator's location (fig.2).

Regarding claim 23. Loveland discloses an instrument system wherein diagnostic instrument data from the electronic instrument is transmitted to a remote data analysis instrument (fig.2).

Claim Rejections - 35 USC § 103

- 4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:
 - (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.
- 5. Claims 11, 12, 17, and 24 rejected under 35 U.S.C. 103(a) as being unpatentable over Loveland.

Regarding claims 11 and 17. Loveland discloses all the limitations of the claimed invention with the exception that the voice module, the network module and the electronic instrument are physically attached. However, it would have been obvious

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matter of design choice to modify Loveland by physically attaching all the elements listed above together, since applicant has not disclosed that having all the elements, listed above, physically attached together solves any stated problem or is for particular purpose and it appears that the system would function/perform equally well with the elements being separate.

Regarding claim 12. Loveland discloses an instrument system wherein the transducer is a speaker (137).

Regarding claim 24. Loveland discloses all the limitations of the claimed invention.

Loveland fails to disclose connecting to the network wirelessly. However, an official notice is taken that the person of ordinary skill in the art at the time of the invention will know how to modify the system to connect to the network wirelessly. The person of ordinary skill in the art will notice the need to connect to the network wirelessly to eliminate connection cabling, and enjoy portability and more flexibility.

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within

TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Examiner has cited particular columns and line numbers in the references applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of. The art and are applied to specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

In the case of amending the claimed invention, Applicant is respectfully requested to indicate the portion(s) of the specification which dictate(s) the structure relied on for proper interpretation and also to verify and ascertain the metes and bounds of the claimed invention.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mounir Moutaouakil whose telephone number is 571-270-1416. The examiner can normally be reached on Monday-Thursday (1pm-4: 30pm) eastern time.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 571-272-3088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

MM Mounir Moutaouakil Patent Examiner 10-12-2007

HASSAN KIZUU V CUPERVISORY PATENT EXAMINER

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